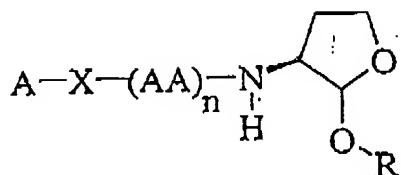


In the Claims:

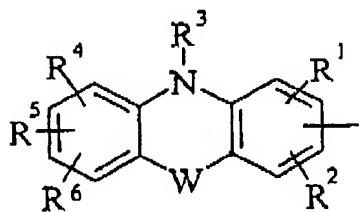
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Claim 1 (currently amended) A compound of the formula



(1)

wherein A is



R¹, R², R⁴, R⁵ and R⁶ are independently selected from the group consisting of hydrogen, halogen, OH, alkyl, alkoxy, cyano, nitro and NR⁷R⁸,

R⁷ and R⁸ are independently selected from the group consisting of hydrogen, alkyl and -COR⁹,

R⁹ is selected from the group consisting of hydrogen, alkyl and alkoxy,

R³ is selected from the group consisting of hydrogen, alkyl and -COR¹⁰,

R¹⁰ is selected from the group consisting of hydrogen, alkyl and alkoxy, and

W is selected from the group consisting of a bond, -CH₂-CH₂-, -CH=CH-, -O-, -S- and -NR¹¹- in which

R¹¹ is hydrogen or alkyl;

X is selected from the group consisting of -CO-, -Y-CO-, -O-Y-CO- and -NR¹²-Y-CO-,

Y is alkylene or haloalkylene,

R¹² is hydrogen, alkyl and -COR¹³,

R¹³ is selected from the group consisting of hydrogen, alkyl, haloalkyl and alkoxy;

AA is, each time that it occurs, selected from the group consisting of a natural amino acid, a natural amino acid the side chain of which, which carries a reactive chemical function, is protected in the form of alkyl or aralkyl ester for the acid functions, alkyl or aralkyl carbamate or alkyl or aralkyl carboxamide in the form of alkyl or aralkyl ether or alkyl or aralkyl thioether or in the form if alkyl or aralkyl ester (for the alcohol and thiol functions) and finally an amino acid of the formula -NR¹⁴-(CH₂)_p-CR¹⁵R¹⁶-CO- in which p is 0 or 1, R¹⁴ is hydrogen or alkyl, R¹⁵ is hydrogen or alkyl, R¹⁶ is hydrogen or alkyl, R¹⁵ is hydrogen or alkyl, R¹⁵ R¹⁶ is selected from the group consisting of hydrogen, alkyl, haloalkyl, phenyl, cycloalkyl, cycloalkylalkyl and alkenyl, or R¹⁵ and R¹⁶ forming with the carbon atom to which they are attached a saturated carbocycle with 3 to 7 carbon atoms,

an -(AA)₂- also being able to be a-carapeptide of the formula

-NR¹⁷-(CH₂)₃-CH(R¹⁸)-CO- in which R¹⁷ is hydrogen or alkyl and R¹⁸ is hydrogen or alkyl;

n is 2 or 3; and finally

R is selected from the group consisting of hydrogen, alkyl and -CO-R¹⁹

R¹⁹ is alkyl; and

or a salt thereof.

Claim 2 (previously presented) A compound of claim 1, wherein:

- ❖ R¹, R², R⁴, R⁵ and R⁶ are independently selected from the group consisting of hydrogen, halogen alkyl, alkoxy an alkyl, alkoxy and -NR⁷R⁸;
- ❖ R³ is selected from the group consisting of hydrogen, methyl and -COR⁹ in which R⁹ is methyl or tert-butoxy;
- ❖ W is selected from the group consisting of a bond -CH₂-CH₂-, -CH=CH-, O and -S-;
- ❖ X is selected from the group consisting of -CO-, -Y-CO- and -O-Y-CO-;
- ❖ -(AA)_n- contains amino acids chosen independently from the group consisting of natural amino acids, 3-methylvaline, norvaline, phenylglycine, vinylglycine and 2- aminobutyric acid;
- ❖ n is 2; and
- ❖ R is hydrogen or methyl;

or a salt thereof.

Claim 3 (previously presented) A compound of claim 1, wherein

- ❖ R¹, R², R⁴, R⁵ and R⁶ are independently selected from the group consisting of hydrogen alkyl and alkoxy;
- ❖ R³ is hydrogen or methyl;

- ❖ W is -O- or -S-;
- ❖ X is -Y-CO- or -O-Y-CO-;
- ❖ -(AA)_n- is an -(AA²)-(AA¹)- such that AA¹ is Leu and AA² is an amino acid chosen from the group consisting of natural amino acids, 3-methylvaline, norvaline, phenylglycine, vinylglycine and 2-aminobutyric acid;
- ❖ R is hydrogen,
or a salt thereof.

Claim 4 (previously presented) A compound of claim 1 is selected from the group consisting of:

- N-(10H-phenothiazin-2-ylcarbonyl)-L-leucyl-L-leucyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10H-phenothiazin-2-ylcarbonyl)-L-leucyl-L-leucyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10H-phenothiazin-2-ylcarbonyl)glycyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10H-phenothiazin-2-ylcarbonyl)leucyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N⁶-[(benzyloxy)carbonyl]-N²-(10H-phenothiazin-2-ylcarbonyl)lysyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- L-(10H-phenothiazin-2-ylcarbonyl)-L-prolyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10H-phenothiazin-2-ylcarbonyl)glycyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10H-phenothiazin-2-ylcarbonyl)leucyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;

- N⁶-[(benzyloxy)carbonyl]-N²-(10H-phenothiazin-2-ylcarbonyl)lysyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- 1-(10H-phenothiazin-2-ylcarbonyl)-L-prolyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10H-phenothiazin-2-ylcarbonyl)leucyl-N¹-[(3S)-2-(acetyloxy)-tetrahydrofuran-3-yl]-L-leucinamide;
- N²-(10H-phenothiazin-2-ylcarbonyl)lysyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10H-phenothiazin-2-ylacetyl)-L-leucyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- O-(tert-butyl)-N-(10H-phenothiazin-2-ylacetyl)-L-seryl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10H-phenothiazin-2-ylacetyl)-L-alanyl-3-cyclohexyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-alaninamide;
- N-(10H-phenothiazin-2-ylacetyl)-L-leucyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- O-(tert-butyl)-N-(10H-phenothiazin-2-ylacetyl)-L-seryl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10H-phenothiazin-2-ylacetyl)-L-alanyl-3-cyclohexyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-alaninamide;
- N-[3-(10H-phenothiazin-2-yl)propanoyl]-L-leucyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[3-(10H-phenothiazin-2-yl)propanoyl]-L-leucyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-leucyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-glycyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;

- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-alanyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-valyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-β-alanyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-methyl-N-[(10H-phenothiazin-2-yloxy)acetyl]glycyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-D-valyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- 3-methyl-N-[(10H-phenothiazin-2-yloxy)acetyl]-L-valyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-N²-((2S)-2-{{[(10H-phenothiazin-2-yloxy)acetyl]amino}butanoyl}-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-norvalyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-seryl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-threonyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-N²-((2S)-2-{{[(10H-phenothiazin-2-yloxy)acetyl]amino}-2-phenylethanoyl}-L-leucinamide;
- N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-N²-((2S)-2-{{[(10H-phenothiazin-2-yloxy)acetyl]amino}but-3-enoyl}-L-leucinamide;
- 2-methyl-N-[(10H-phenothiazin-2-yloxy)acetyl]alanyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;

- N-[(10H-phenothiazin-2-yloxy)acetyl]-glycyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-valinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-glycyl-3-cyclohexyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-alaninamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-glycyl-N-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-phenylalaninamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]glycyl-N²-isobutyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]glycinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-leucyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-glycyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-alanyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-valyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-β-alanyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-methyl-N-[(10H-phenothiazin-2-yloxy)acetyl]glycyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-D-valyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- 3-methyl-N-[(10H-phenothiazin-2-yloxy)acetyl]-L-valyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-N²-((2S)-2-{[(10H-phenothiazin-2-yloxy)acetyl]amino}butanoyl)-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-norvalyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-seryl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;

- N-[(10H-phenothiazin-2-yloxy)acetyl]-L-threonyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-N²-((2S)-2-{{(10H-phenothiazin-2-yloxy)acetyl]amino}-2-phenylethanoyl)-L-leucinamide;
- N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-N²-((2S)-2-{{(10H-phenothiazin-2-yloxy)acetyl]amino}but-3-enoyl)-L-leucinamide;
- 2-methyl-N-[(10H-phenothiazin-2-yloxy)acetyl]alanyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]glycyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-valinamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]glycyl-3-cyclohexyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-alaninamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]glycyl-N-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-phenylalaninamide;
- N-[(10H-phenothiazin-2-yloxy)acetyl]glycyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-N²-isobutylglycinamide;
- N-[2-methyl-2-(10H-phenothiazin-2-yloxy)propanoyl]glycyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[2-methyl-2-(10H-phenothiazin-2-yloxy)propanoyl]glycyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10,11-dihydro-5H-dibenzo[b,f]azepin-3-ylcarbonyl)-L-leucyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- N-(10,11-dihydro-5H-dibenzo[b,f]azepin-3-ylcarbonyl)-L-leucyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide;
- N-[(5-acetyl-10,11-dihydro-5H-dibenzo[b,f]azepin-3-yl)carbonyl]-L-leucyl-N¹-[(3S)-2-methoxytetrahydrofuran-3-yl]-L-leucinamide;
- 2-methyl-N-[(10H-phenothiazin-2-yloxy)acetyl]alanyl-N¹-[(3S)-2-hydroxytetrahydrofuran-3-yl]-L-leucinamide ; and

or a salt thereof.

Claims 5 to 10 (cancelled).

Cancel Claims 11 to 14.